

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026727.D
 Acq On : 10 Jul 2020 10:55
 Operator : JU/CG
 Sample : L3160-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MUDDY-DRUM

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	346	352	358	rBV	1473461	2127663	44.93%	5.932%
2	5.010	358	361	371	rVB	89091	174972	3.70%	0.488%
3	5.369	416	422	429	rBV	55461	78140	1.65%	0.218%
4	6.534	613	620	631	rVB	1492029	2331741	49.24%	6.501%
5	6.975	688	695	704	rBV2	139555	264071	5.58%	0.736%
6	7.322	747	754	760	rBV	313855	475982	10.05%	1.327%
7	7.434	769	773	779	rVB	30901	49368	1.04%	0.138%
8	7.634	800	807	812	rBV	1195873	1768182	37.34%	4.929%
9	7.681	812	815	823	rVB	73866	106893	2.26%	0.298%
10	7.845	836	843	850	rBV	55266	93784	1.98%	0.261%
11	8.469	942	949	959	rBV	1005463	1525872	32.22%	4.254%
12	10.075	1214	1222	1226	rBV	359283	574773	12.14%	1.602%
13	10.122	1226	1230	1242	rVB	429459	671717	14.19%	1.873%
14	12.586	1642	1649	1657	rBV	2022115	2867001	60.55%	7.993%
15	13.457	1790	1797	1807	rBV	228984	319217	6.74%	0.890%
16	13.863	1855	1866	1873	rBV3	19415	61035	1.29%	0.170%
17	13.980	1880	1886	1898	rVB	491276	694188	14.66%	1.935%
18	14.457	1962	1967	1977	rBV	87591	143181	3.02%	0.399%
19	15.486	2136	2142	2152	rBV	1757151	2431588	51.35%	6.779%
20	16.021	2229	2233	2239	rVB	49544	73521	1.55%	0.205%
21	16.327	2278	2285	2303	rVB6	42704	205288	4.34%	0.572%
22	16.739	2350	2355	2362	rBV	591462	804682	16.99%	2.243%
23	17.298	2443	2450	2461	rVB5	20419	70577	1.49%	0.197%
24	17.686	2505	2516	2535	rBV	728399	1319882	27.87%	3.680%
25	17.956	2557	2562	2566	rBV	60544	93073	1.97%	0.259%
26	18.004	2567	2570	2580	rVB7	35733	66136	1.40%	0.184%
27	18.321	2615	2624	2637	rVB	162457	425297	8.98%	1.186%
28	18.980	2731	2736	2748	rBV2	227041	397226	8.39%	1.107%
29	19.133	2757	2762	2770	rVB4	37139	62217	1.31%	0.173%
30	19.403	2803	2808	2814	rBV	3916689	4735278	100.00%	13.201%
31	19.515	2820	2827	2837	rVB	360663	701565	14.82%	1.956%
32	19.974	2902	2905	2912	rVB6	29929	48760	1.03%	0.136%
33	20.239	2946	2950	2957	rBV5	45949	94302	1.99%	0.263%
34	20.392	2969	2976	2984	rBV	529505	974488	20.58%	2.717%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.550	2998	3003	3014	rVB4	70619	143370	3.03%	0.400%
36	20.715	3027	3031	3036	rBV	117047	159382	3.37%	0.444%
37	20.962	3068	3073	3078	rBV	833585	1039228	21.95%	2.897%
38	21.109	3092	3098	3103	rBV	757417	1203761	25.42%	3.356%
39	21.156	3103	3106	3111	rVB	107637	120478	2.54%	0.336%
40	21.568	3173	3176	3187	rVB	184003	236679	5.00%	0.660%
41	21.739	3200	3205	3220	rBV	777310	1249100	26.38%	3.482%
42	21.997	3245	3249	3255	rVB	276599	327722	6.92%	0.914%
43	22.397	3311	3317	3322	rBV	571155	1031619	21.79%	2.876%
44	22.456	3322	3327	3337	rVB	360162	520982	11.00%	1.452%
45	22.962	3409	3413	3418	rVB	297342	422407	8.92%	1.178%
46	23.027	3418	3424	3430	rBV2	652269	1100665	23.24%	3.069%
47	23.121	3435	3440	3448	rVB	384277	761832	16.09%	2.124%
48	23.533	3506	3510	3518	rVB	184941	313303	6.62%	0.873%
49	23.950	3576	3581	3590	rVB	182001	407438	8.60%	1.136%

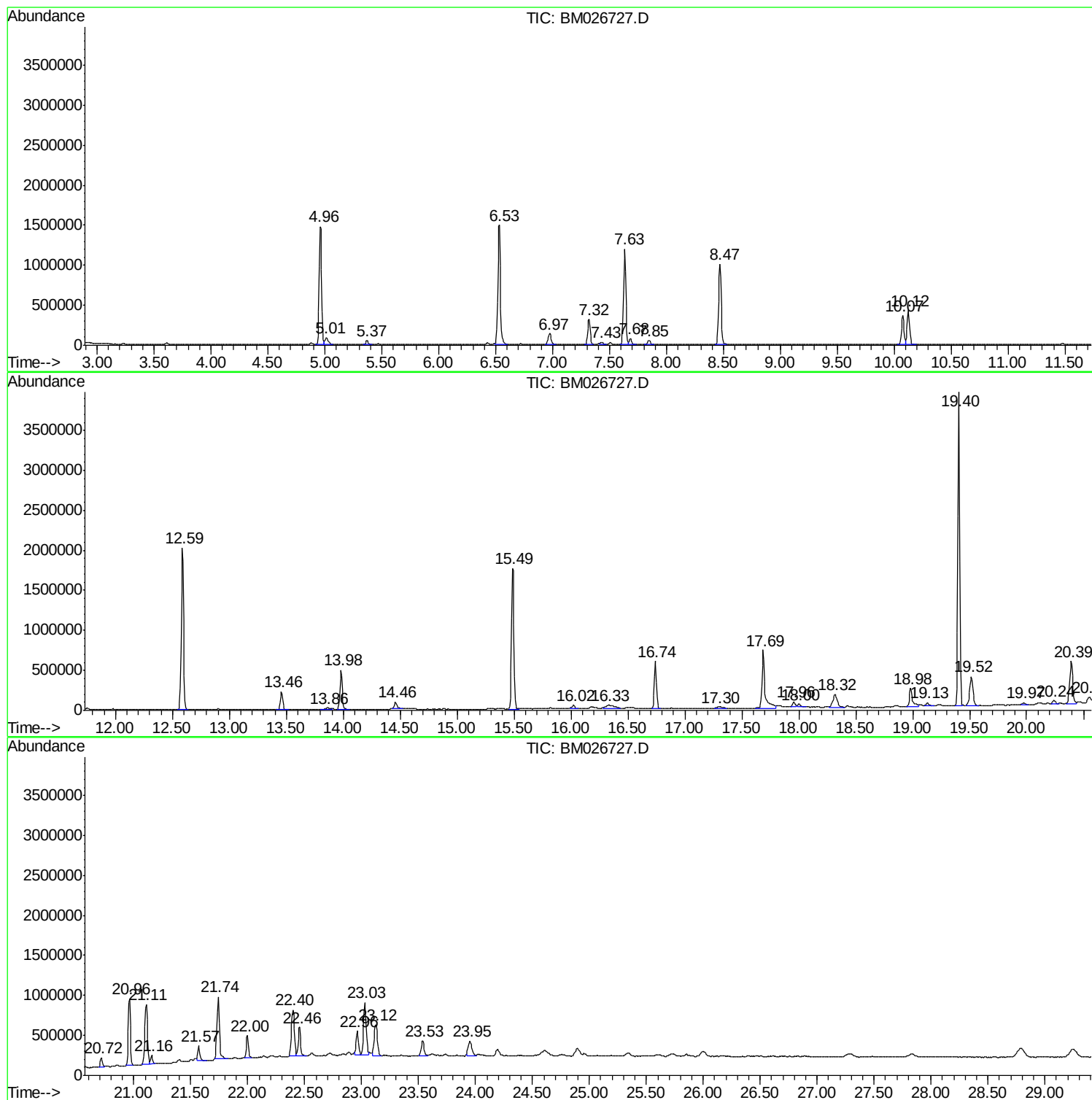
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Sample : L3160-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
MUDDY-DRUM

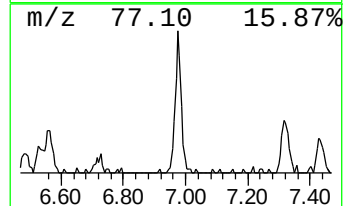
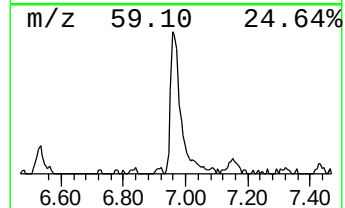
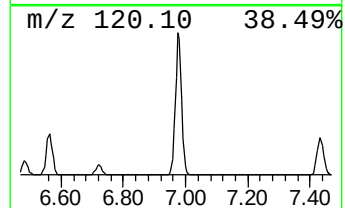
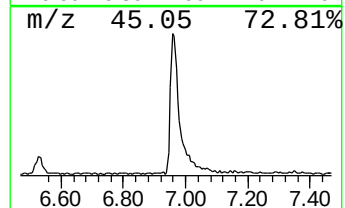
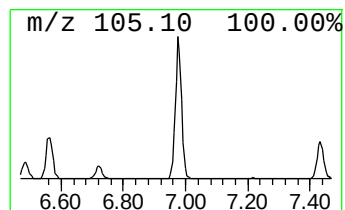
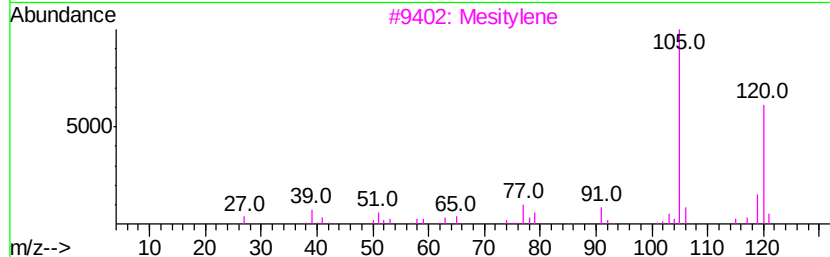
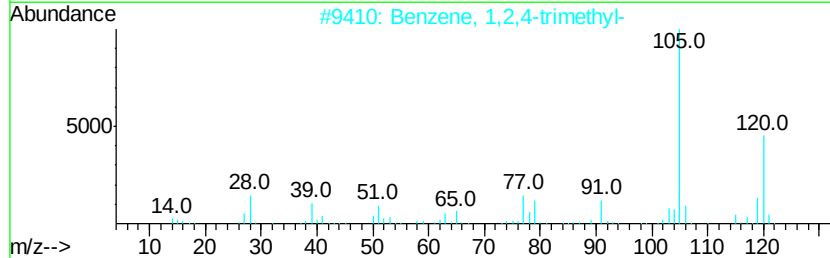
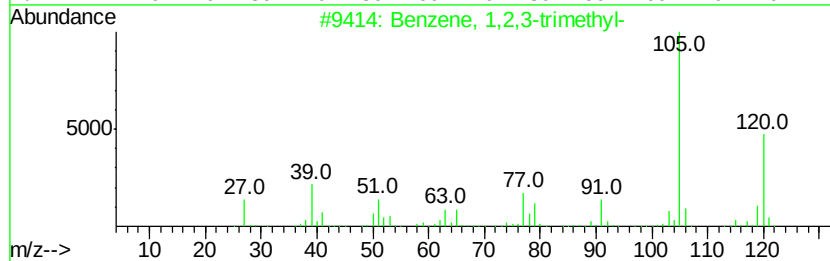
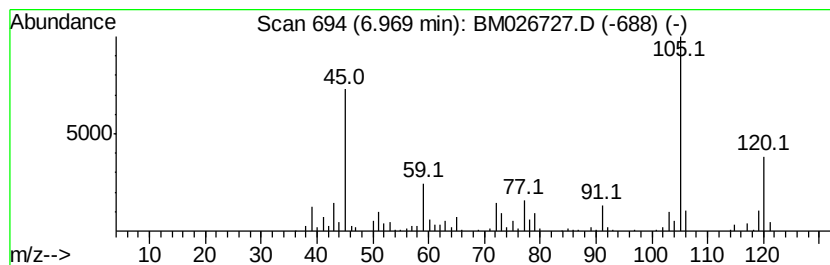
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	11.10 ng	264071	1,4-Dichlorobenzene-d4	7.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	93
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70



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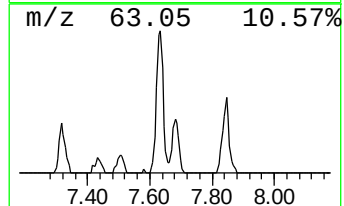
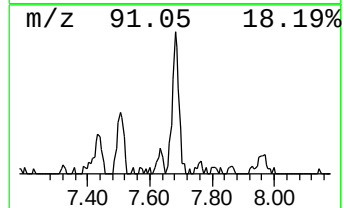
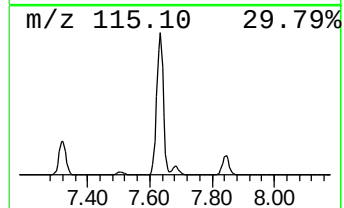
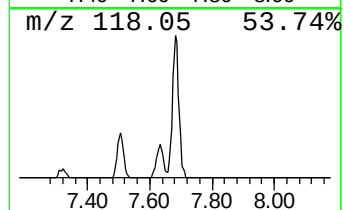
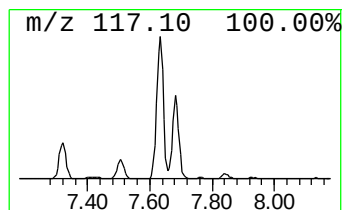
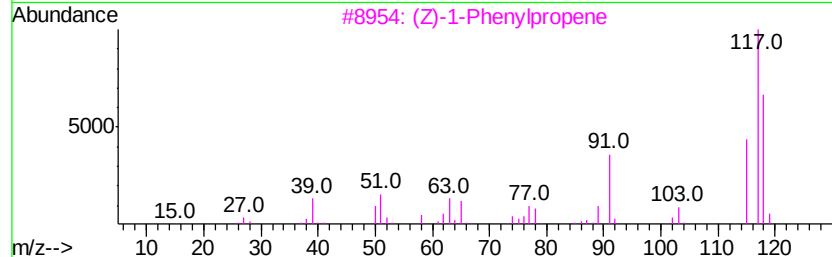
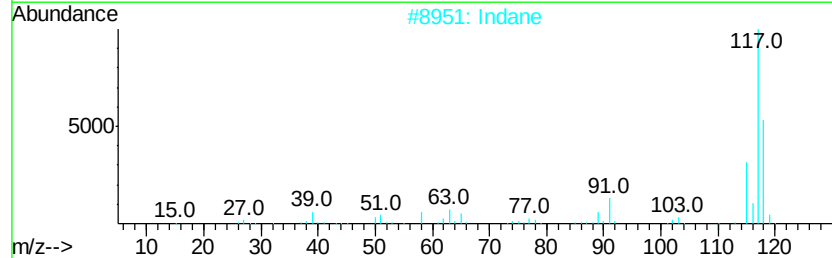
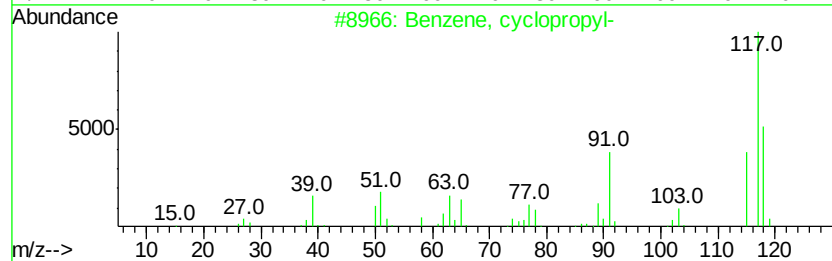
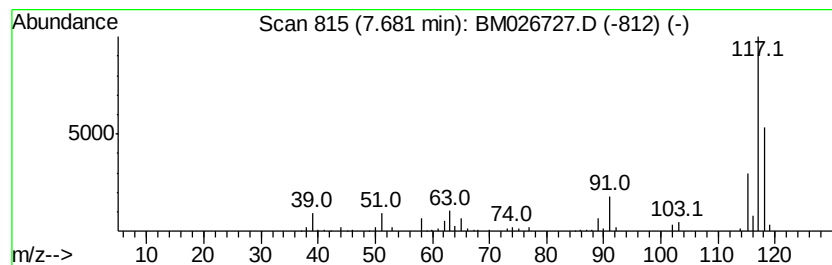
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, cyclopropyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	4.49 ng	106893	1,4-Dichlorobenzene-d4	7.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	87
2		Indane	118	C9H10	000496-11-7	87
3		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	72
4		Deltacyclene	118	C9H10	007785-10-6	64
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60



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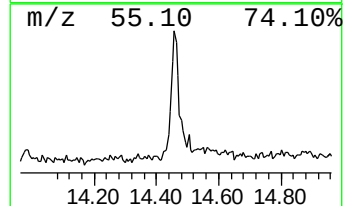
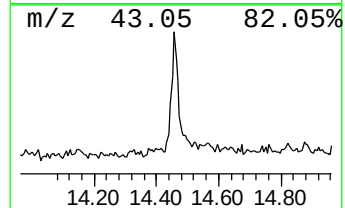
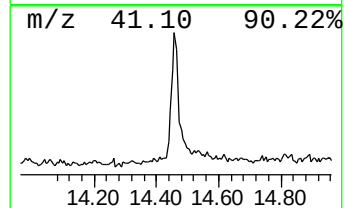
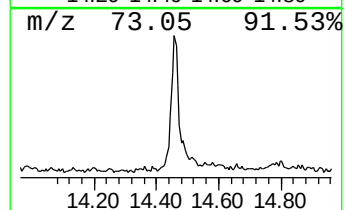
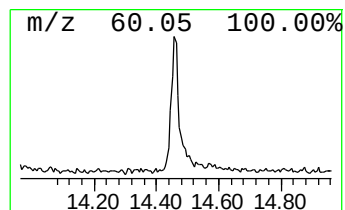
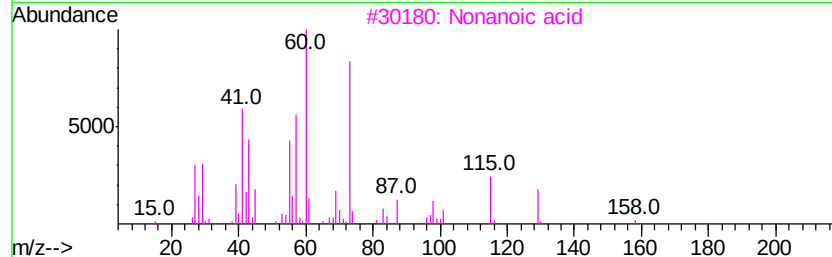
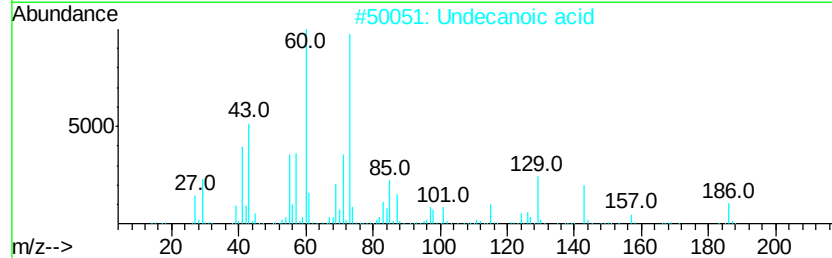
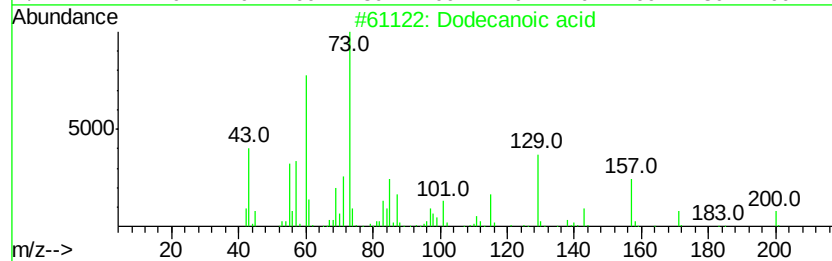
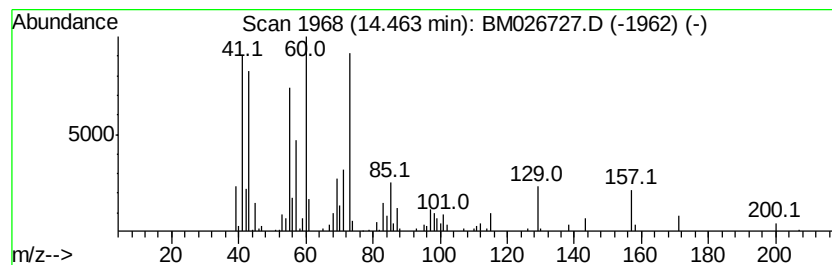
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	4.13 ng	143181	Acenaphthene-d10	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2		Undecanoic acid	186	C11H22O2	000112-37-8	64
3		Nonanoic acid	158	C9H18O2	000112-05-0	52
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		Octanoic acid	144	C8H16O2	000124-07-2	38



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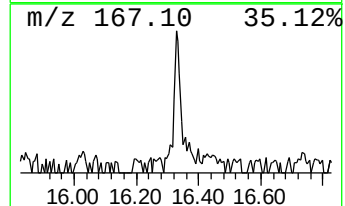
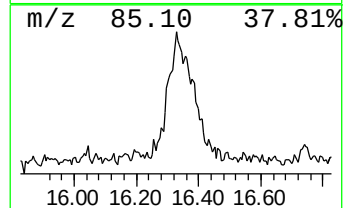
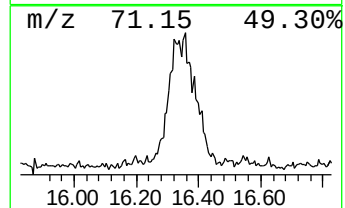
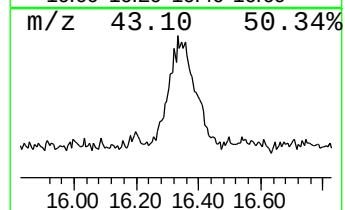
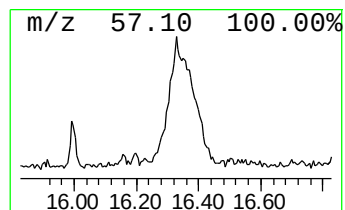
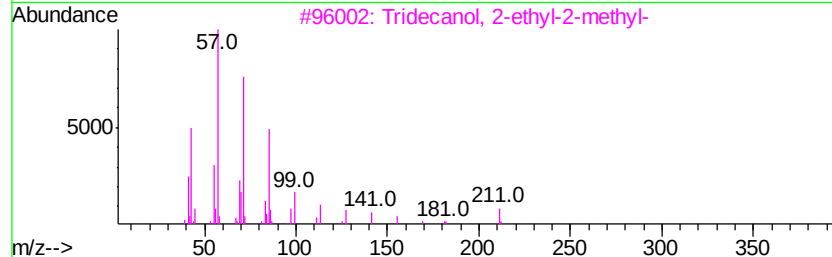
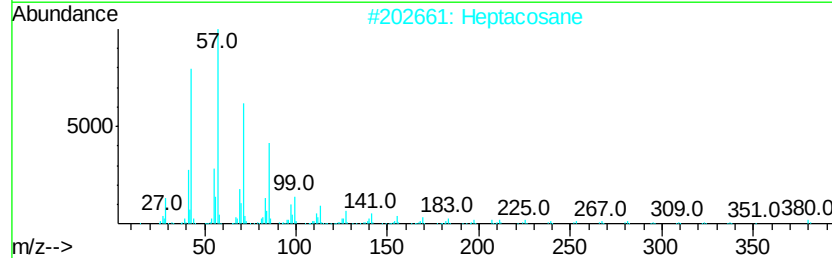
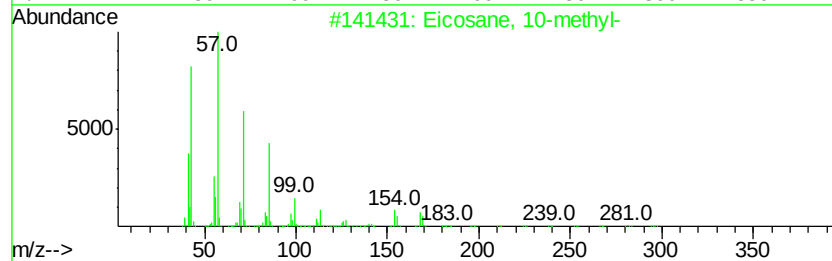
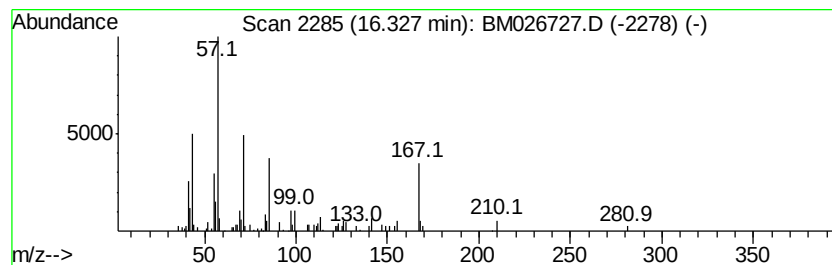
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane, 10-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	5.10 ng	205288	Phenanthrene-d10	16.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	62
2		Heptacosane	380	C27H56	000593-49-7	62
3		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	58
4		Octacosane	394	C28H58	000630-02-4	58
5		Hexacosane	366	C26H54	000630-01-3	58



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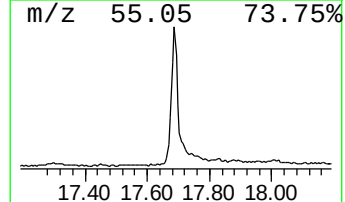
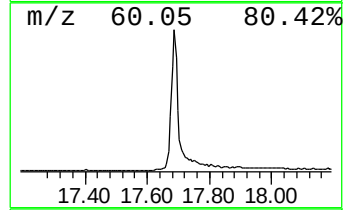
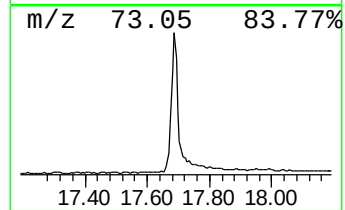
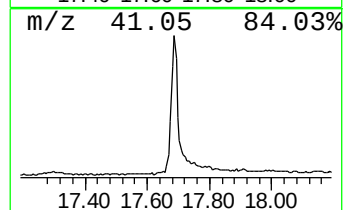
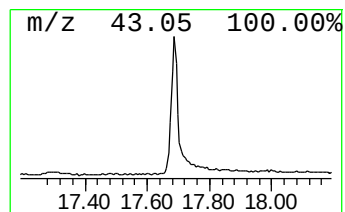
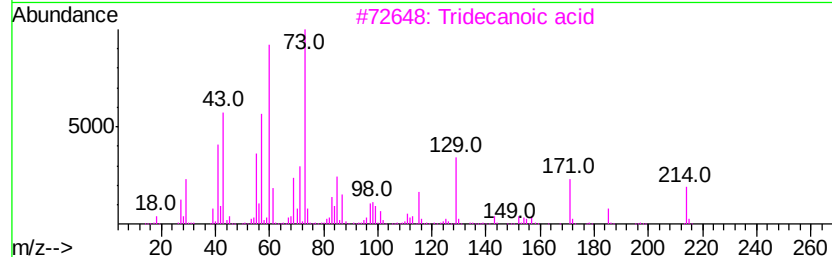
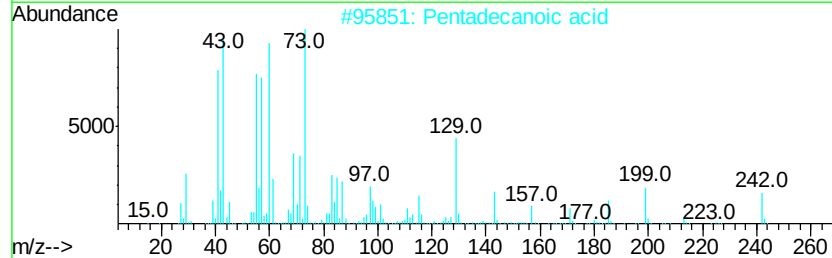
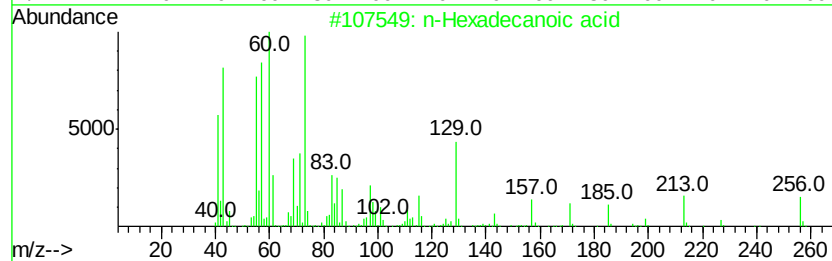
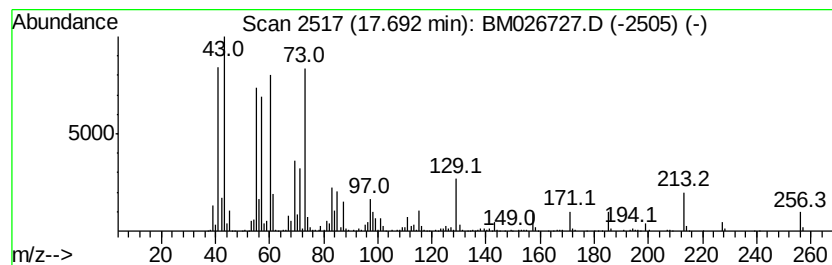
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	32.81 ng	1319880	Phenanthrene-d10	16.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Undecanoic acid	186	C11H22O2	000112-37-8	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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 Operator : JU/CG
 Sample : L3160-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 MUDDY-DRUM

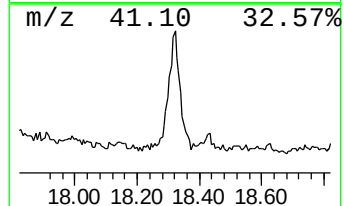
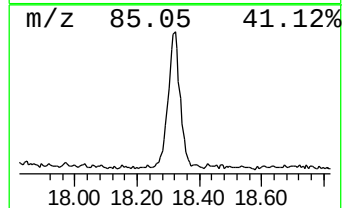
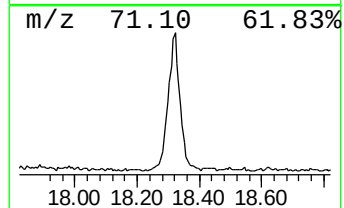
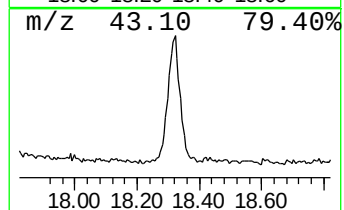
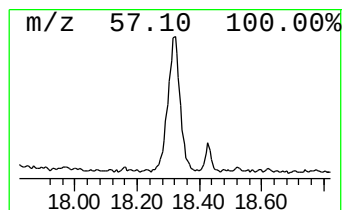
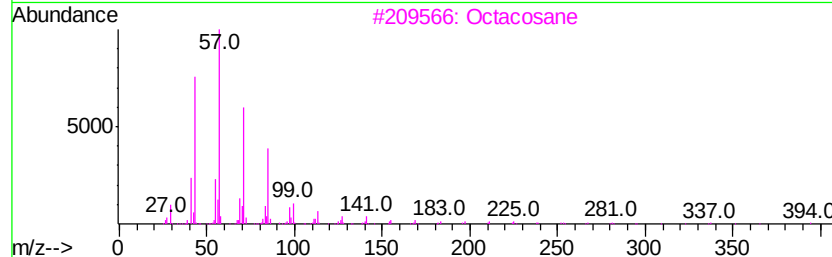
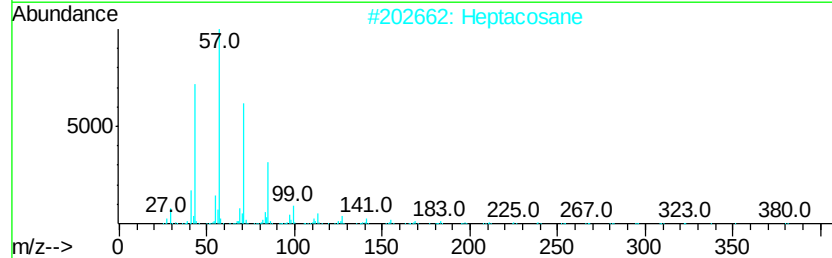
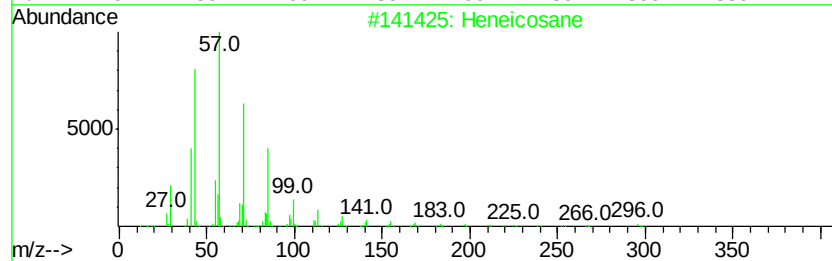
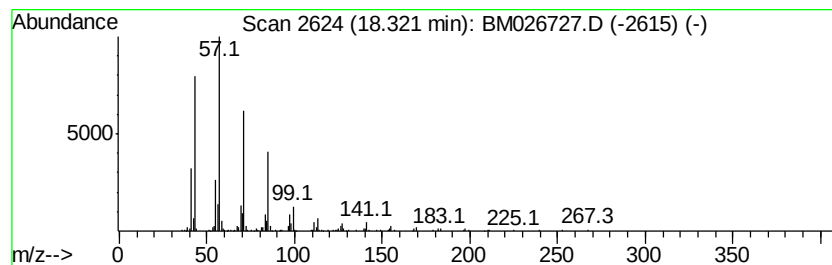
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	10.57 ng	425297	Phenanthrene-d10	16.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Hexatriacontane	507	C36H74	000630-06-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026727.D
Acq On : 10 Jul 2020 10:55
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ClientSampleId :
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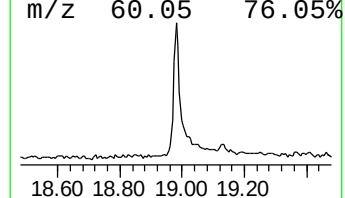
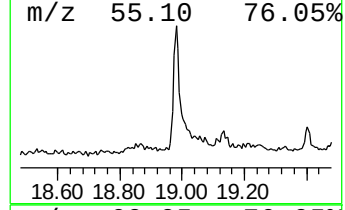
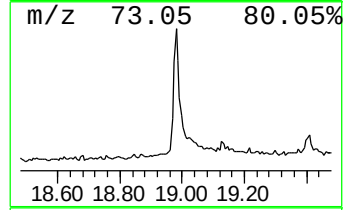
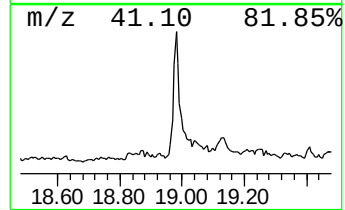
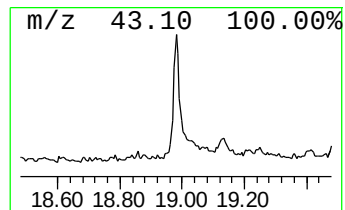
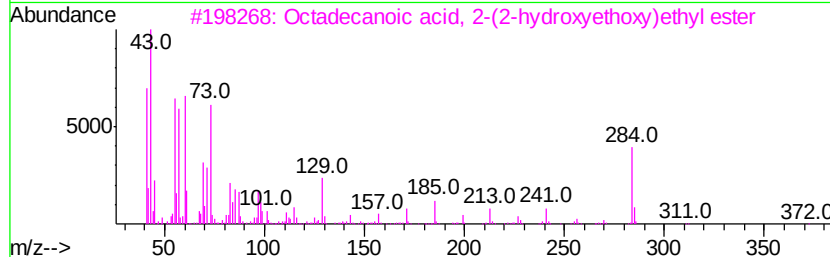
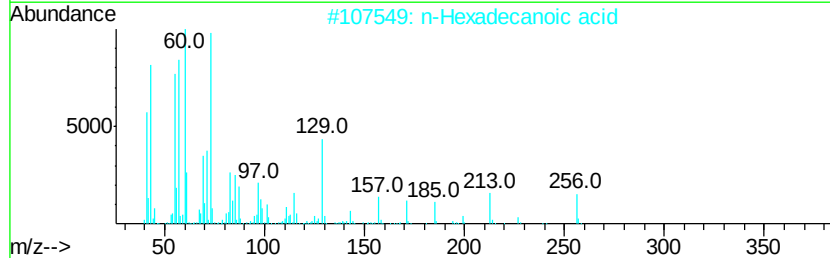
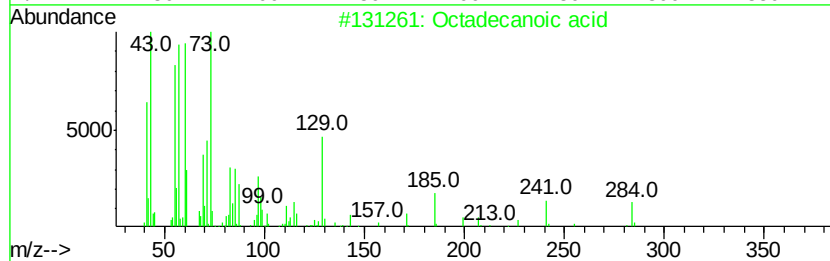
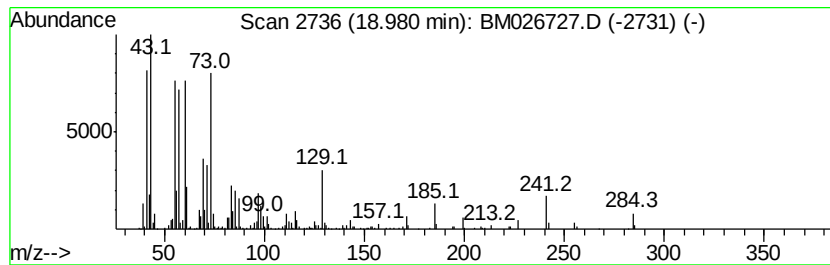
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	7.64 ng	397226	Chrysene-d12	20.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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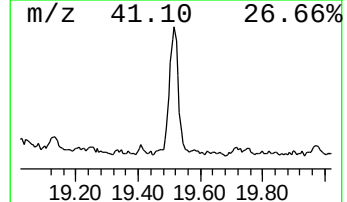
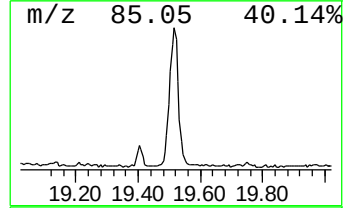
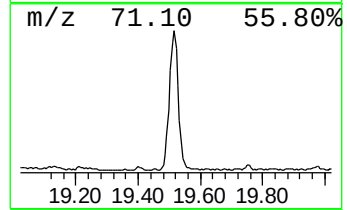
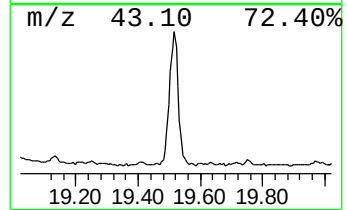
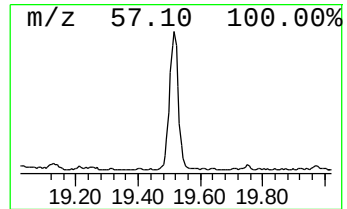
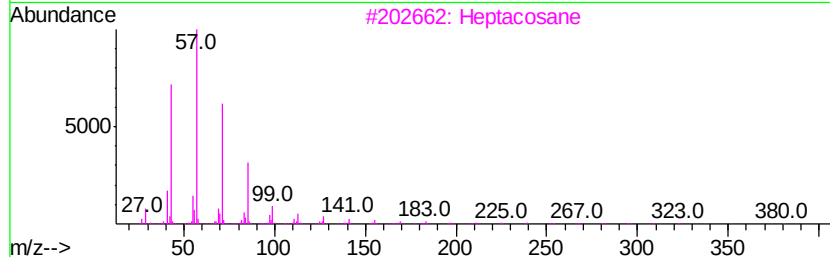
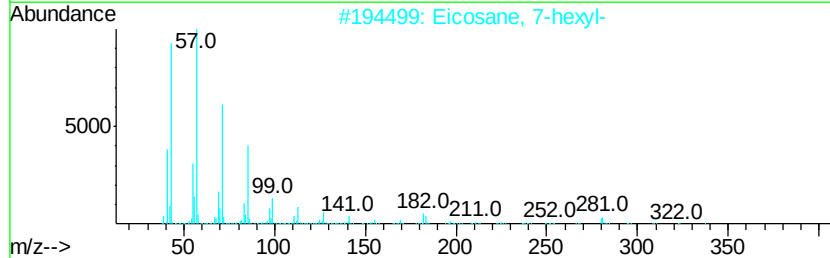
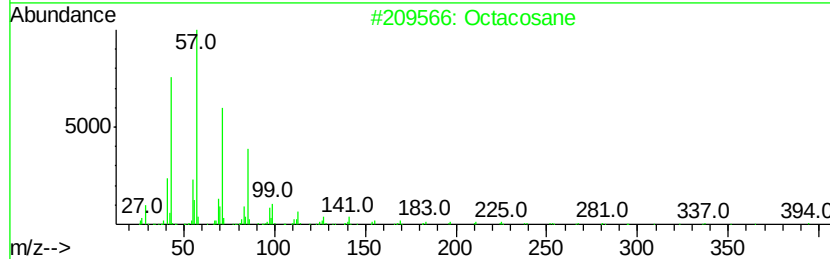
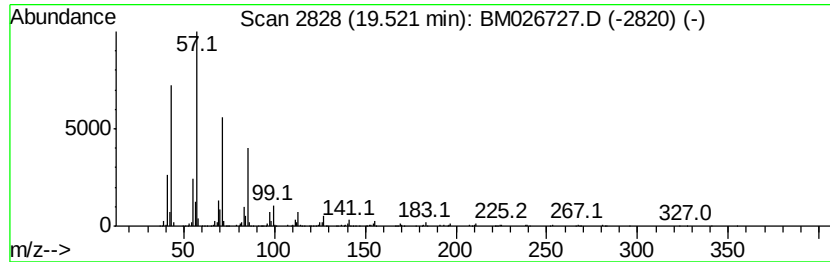
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	13.50 ng	701565	Chrysene-d12	20.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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Misc :
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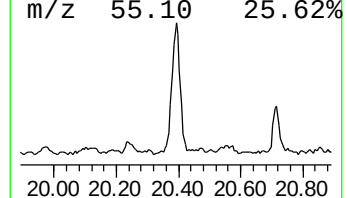
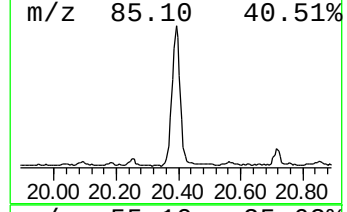
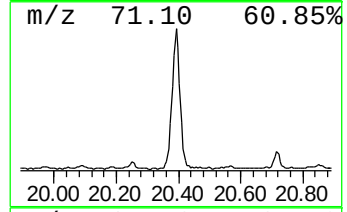
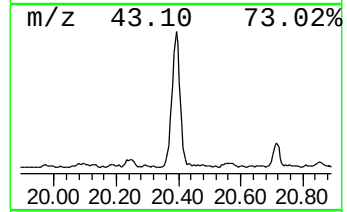
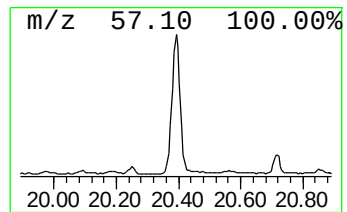
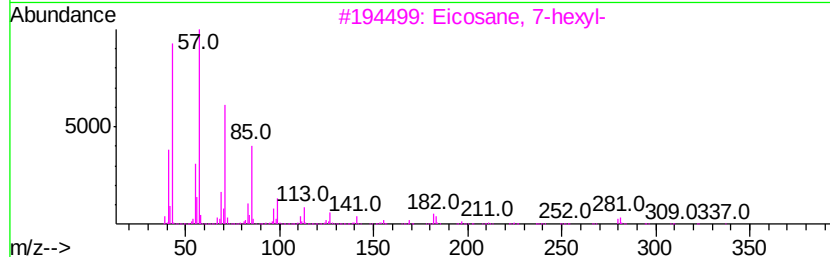
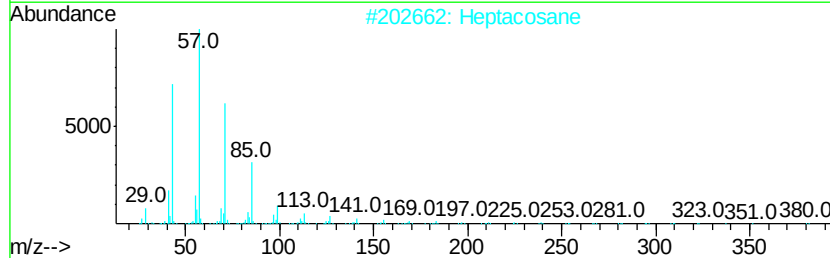
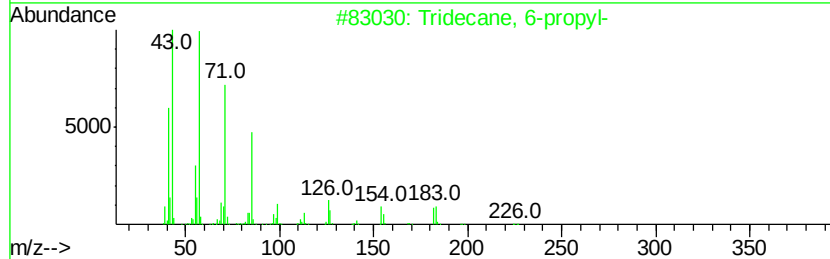
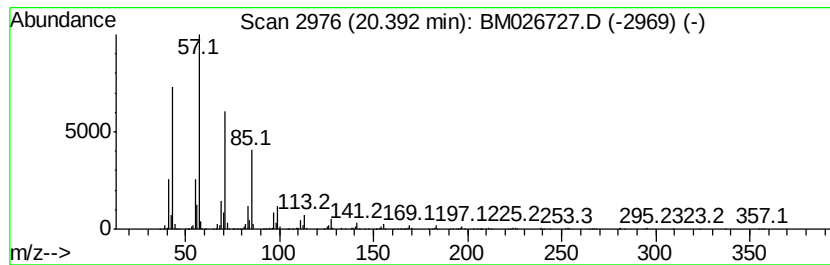
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.39	18.75 ng	974488	Chrysene-d12	20.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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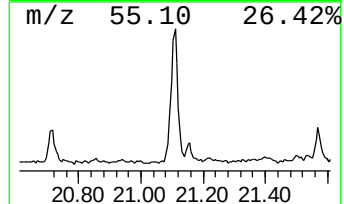
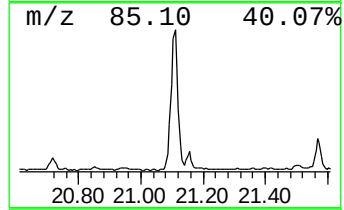
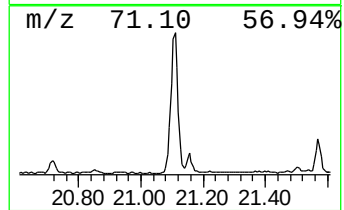
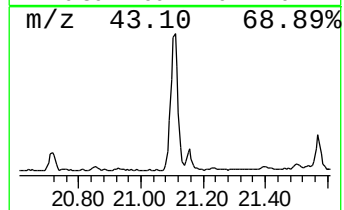
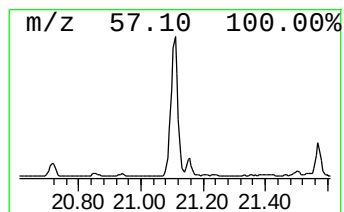
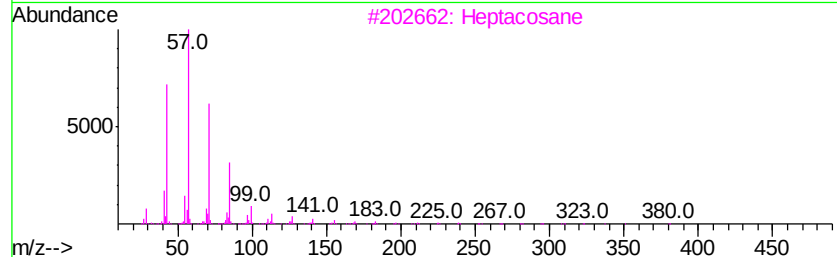
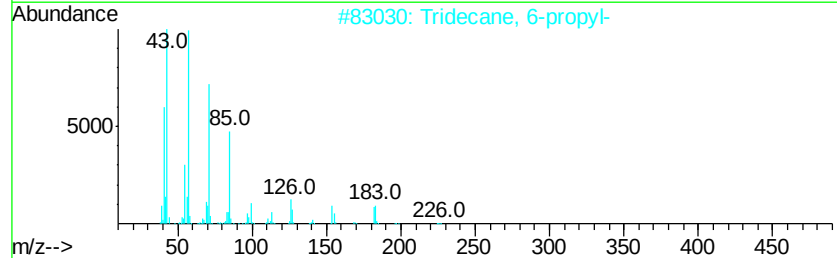
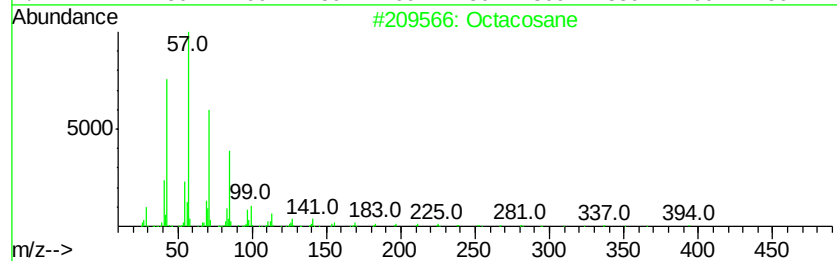
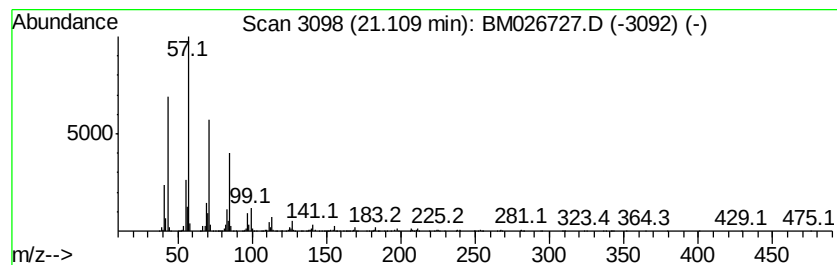
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	23.17 ng	1203760	Chrysene-d12	20.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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Acq On : 10 Jul 2020 10:55
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ALS Vial : 5 Sample Multiplier: 1

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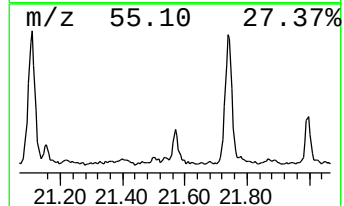
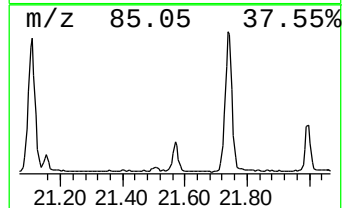
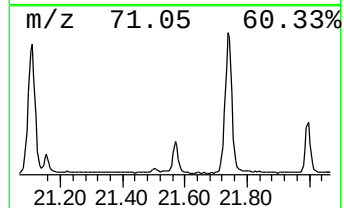
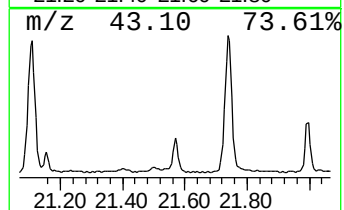
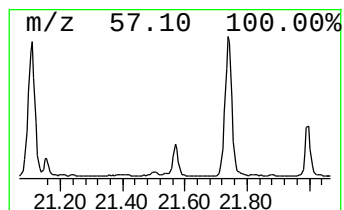
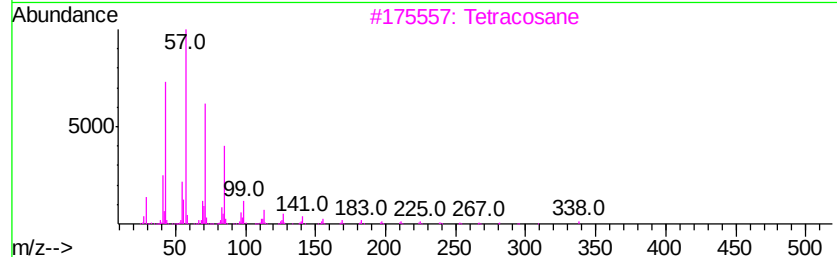
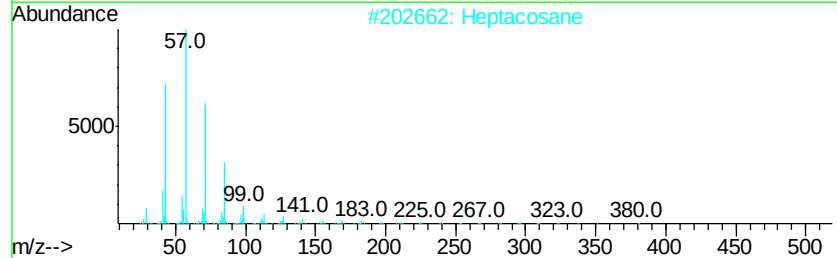
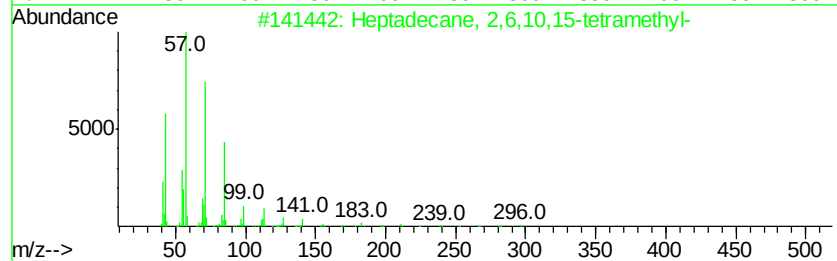
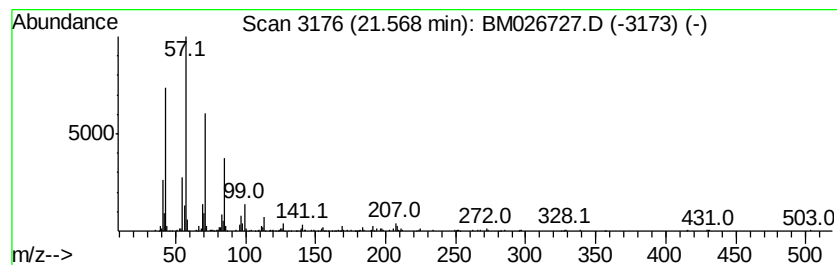
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	4.55 ng	236679	Chrysene-d12	20.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2			Heptacosane	380	C27H56	000593-49-7	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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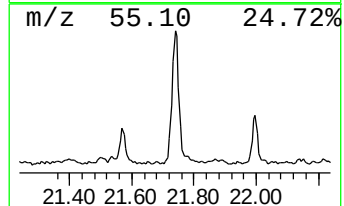
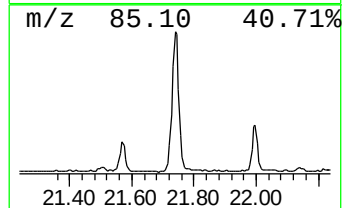
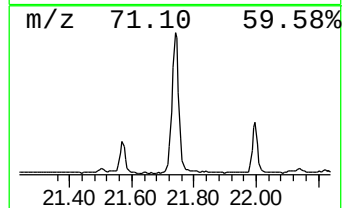
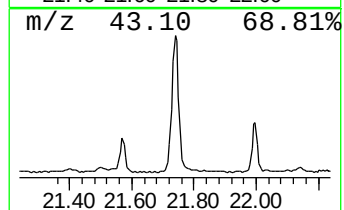
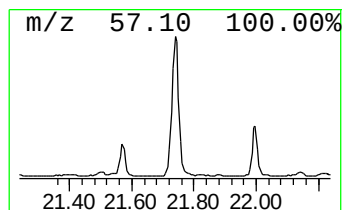
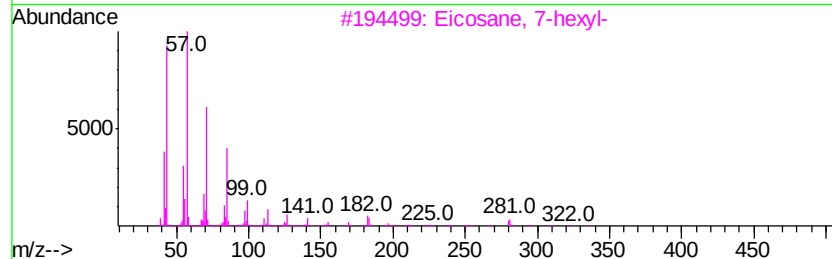
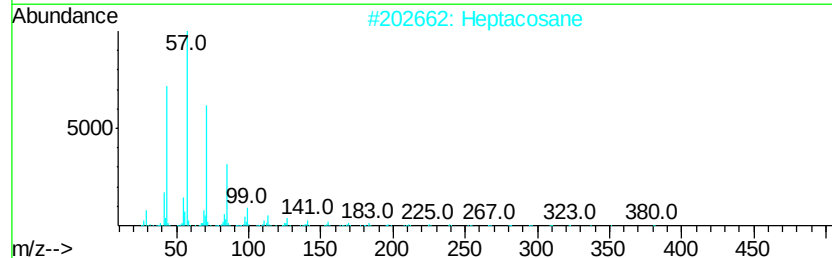
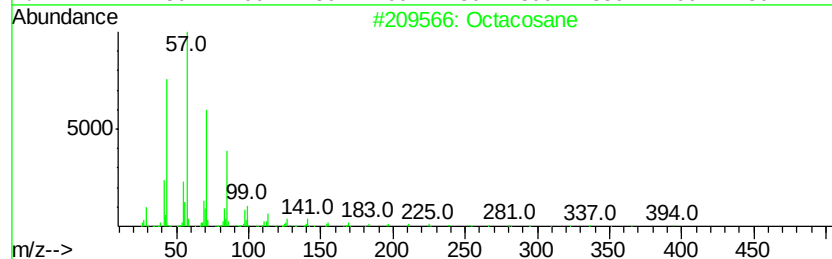
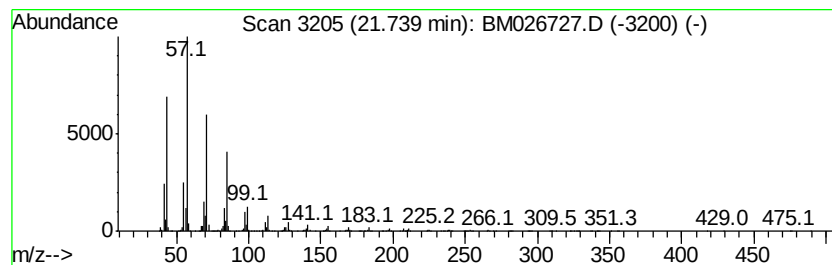
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Eicosane, 7-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	24.04 ng	1249100	Chrysene-d12	20.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026727.D
Acq On : 10 Jul 2020 10:55
Operator : JU/CG
Sample : L3160-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

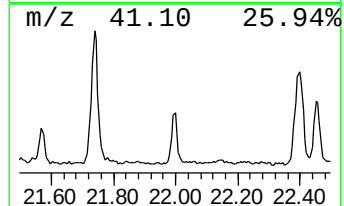
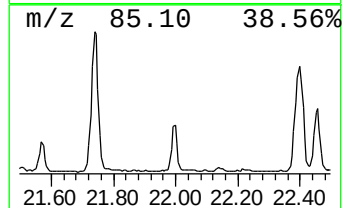
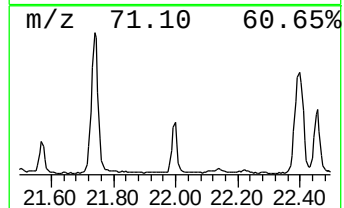
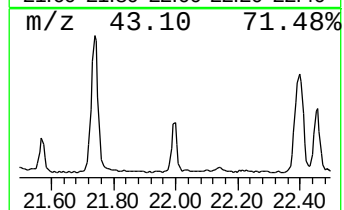
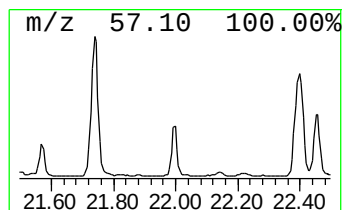
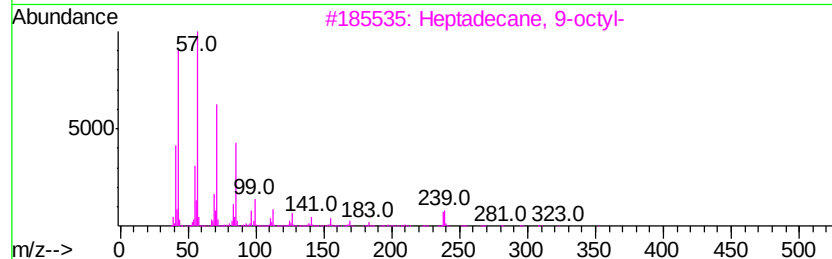
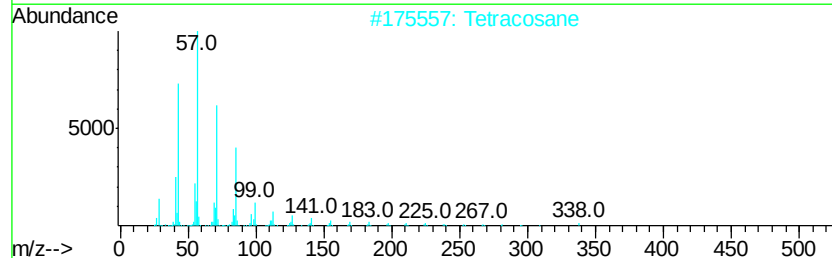
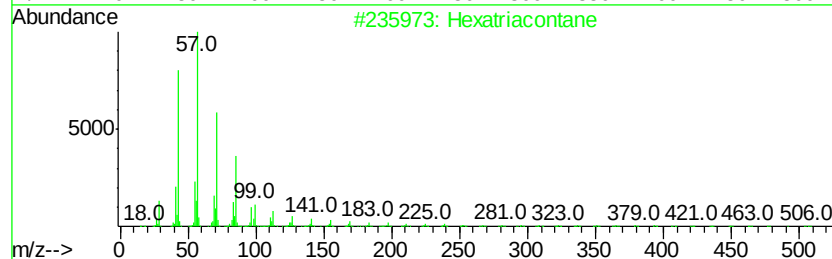
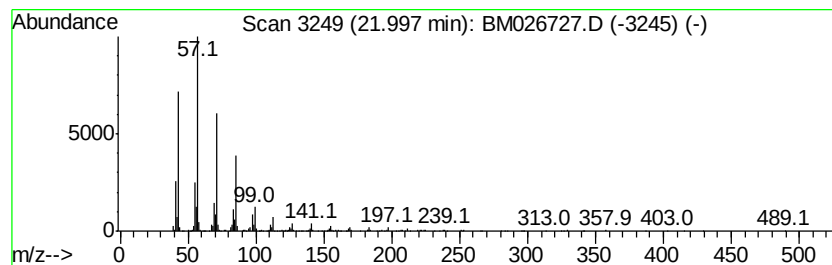
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Hexatriacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	5.95 ng	327722	Perylene-d12	23.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026727.D
Acq On : 10 Jul 2020 10:55
Operator : JU/CG
Sample : L3160-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

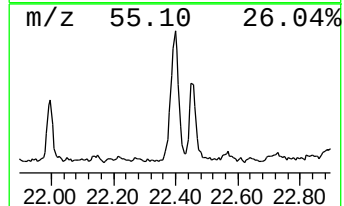
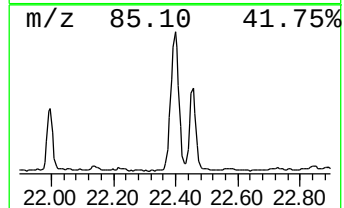
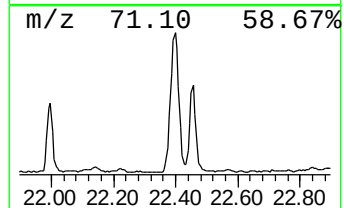
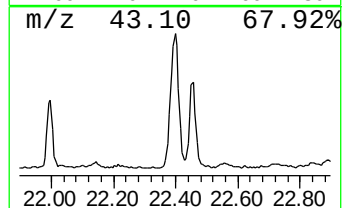
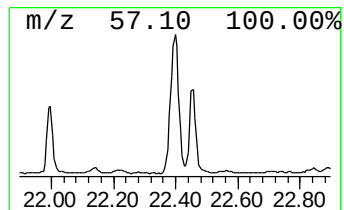
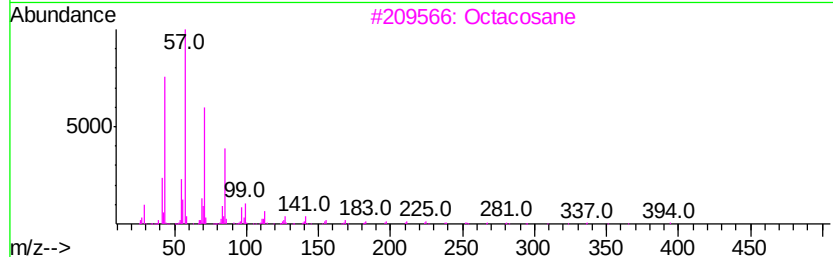
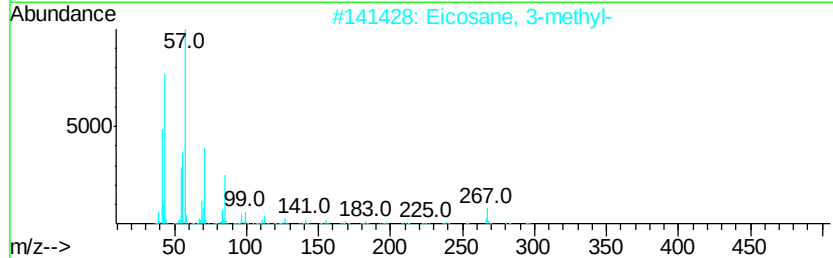
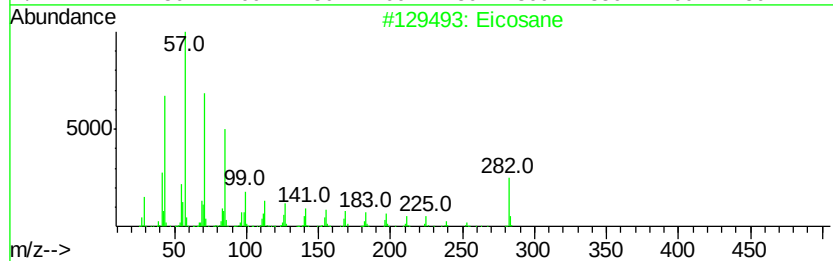
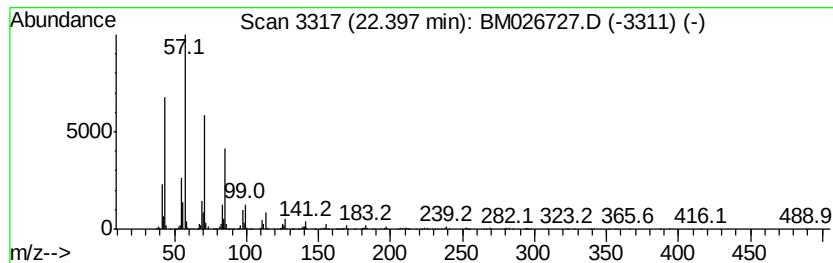
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	18.75 ng	1031620	Perylene-d12	23.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane, 3-methyl-	296	C21H44	006418-46-8	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026727.D
Acq On : 10 Jul 2020 10:55
Operator : JU/CG
Sample : L3160-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

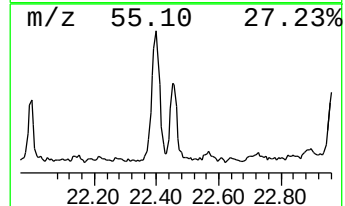
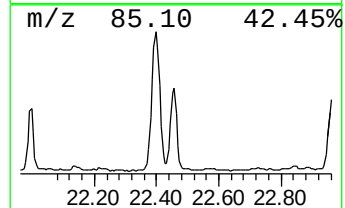
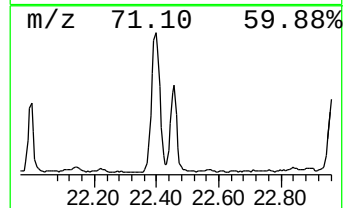
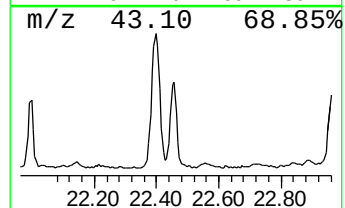
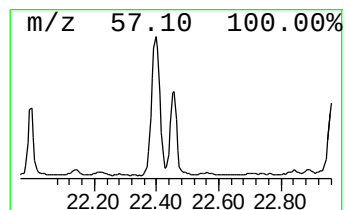
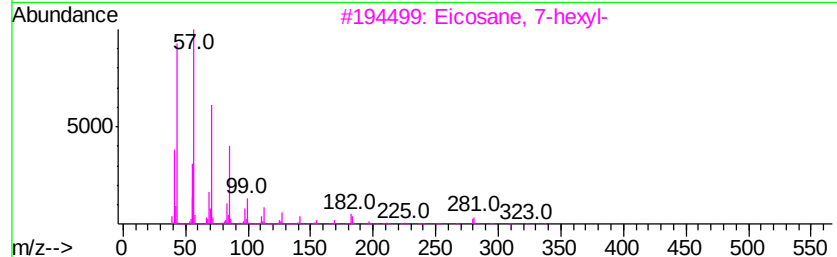
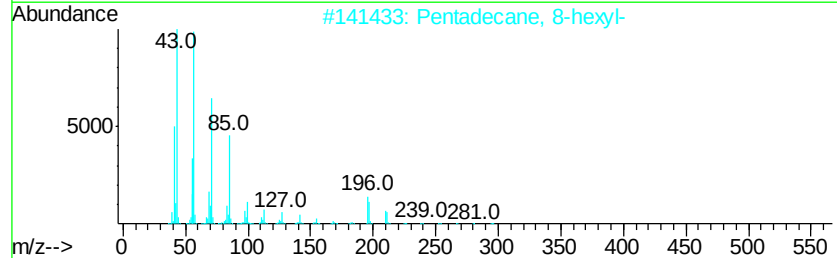
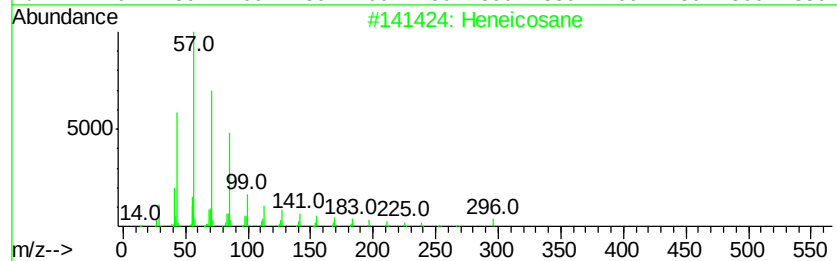
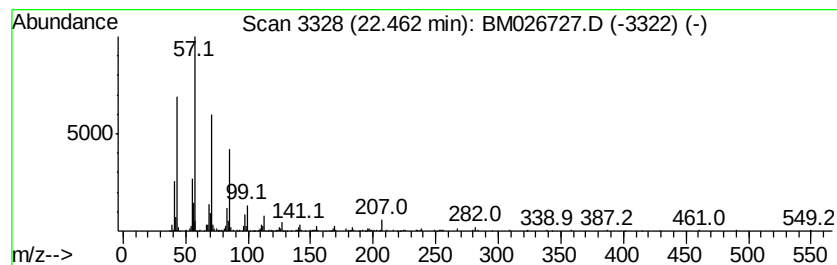
Instrument :
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ClientSampleId :
MUDDY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pentadecane, 8-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	9.47 ng	520982	Perylene-d12	23.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	95
2	Pentadecane, 8-hexyl-	296 C21H44	013475-75-7	93
3	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	91
4	Hexatriacontane	507 C36H74	000630-06-8	91
5	Docosane, 11-butyl-	366 C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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Sample : L3160-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

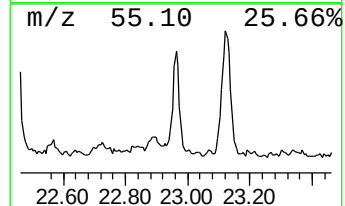
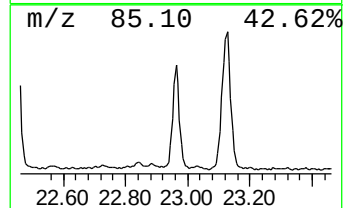
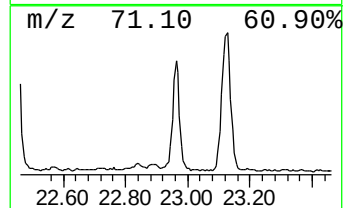
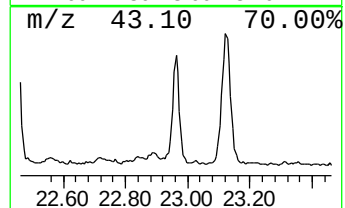
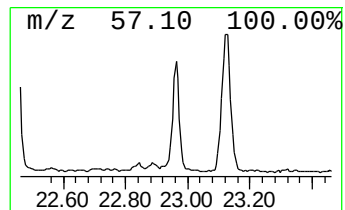
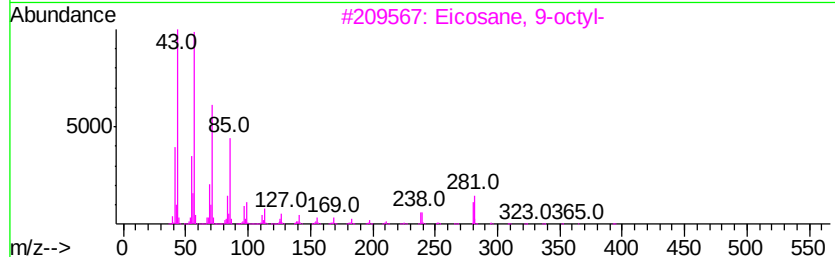
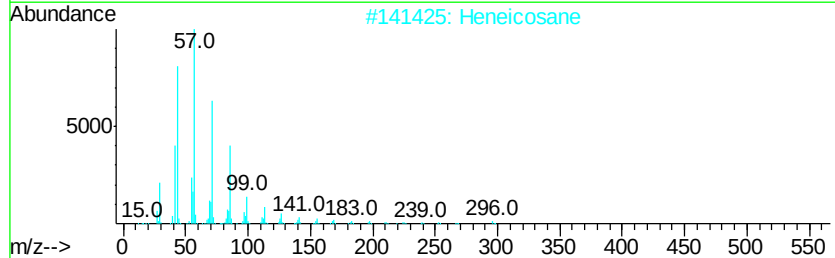
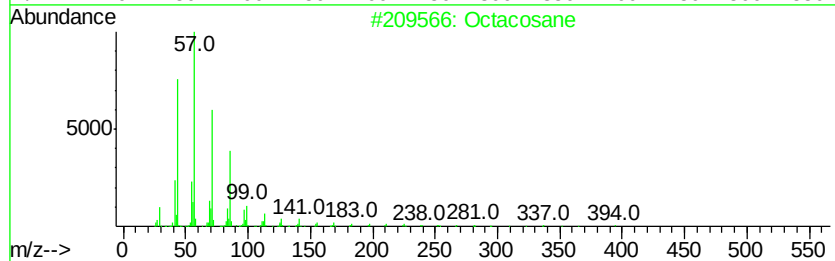
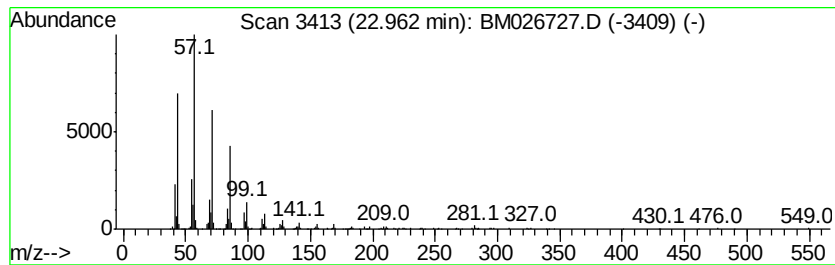
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ClientSampleId :
MUDDY-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 7-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.96	7.68 ng	422407	Perylene-d12	23.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
5	Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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Acq On : 10 Jul 2020 10:55
Operator : JU/CG
Sample : L3160-01
Misc :
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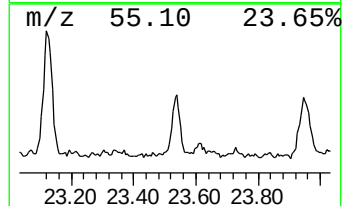
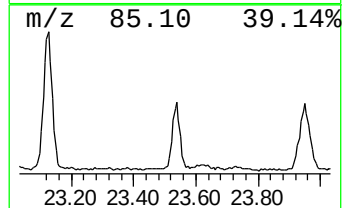
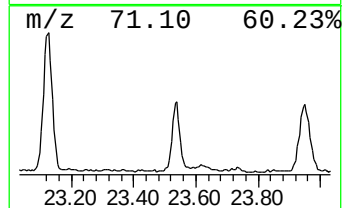
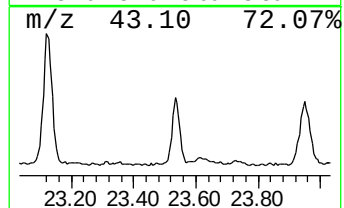
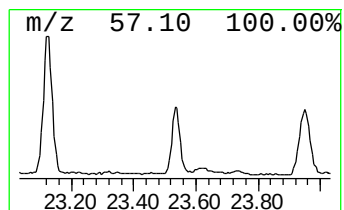
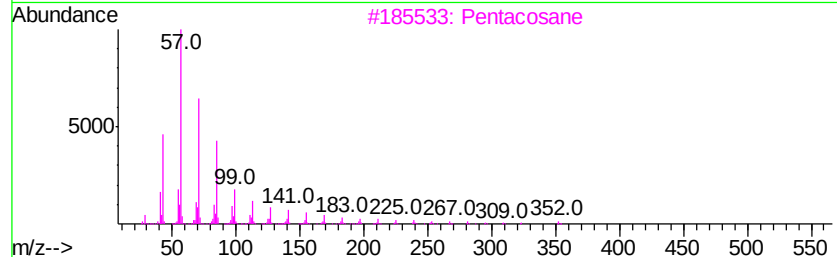
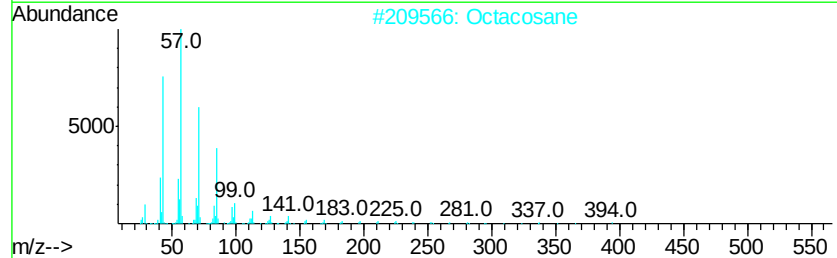
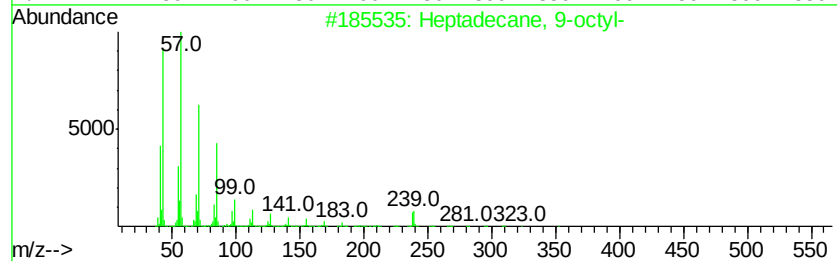
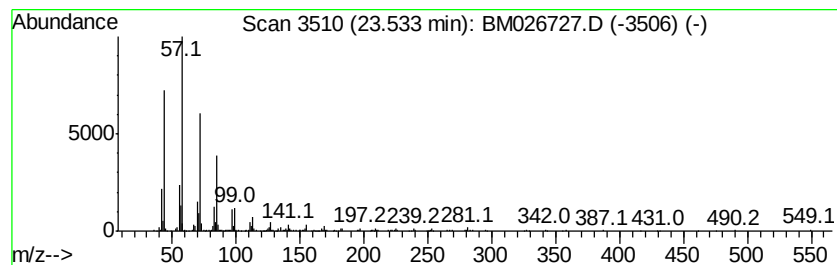
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.53	5.69 ng	313303	Perylene-d12	23.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
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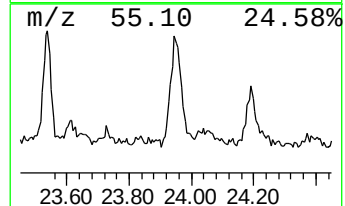
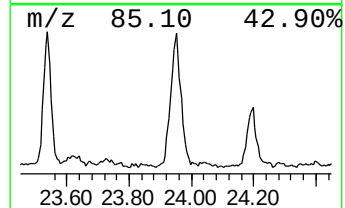
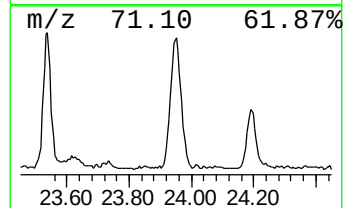
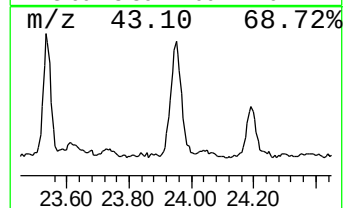
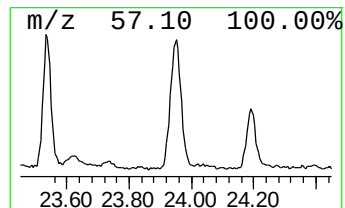
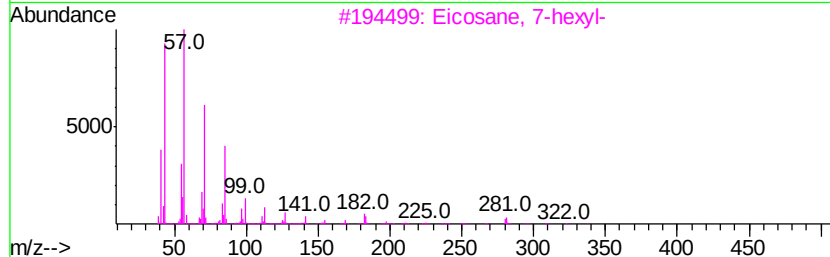
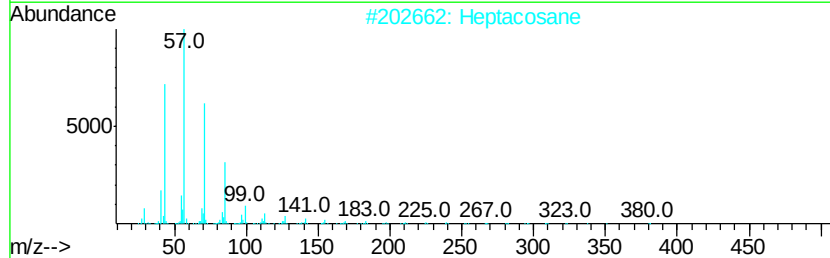
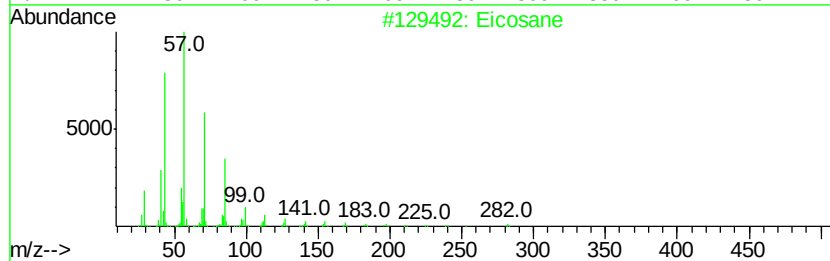
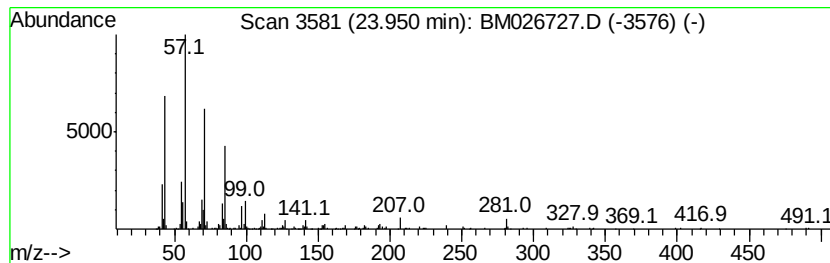
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	7.40 ng	407438	Perylene-d12	23.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	92
2	Heptacosane	380 C27H56	000593-49-7	87
3	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	87
4	2-methyloctacosane	408 C29H60	1000376-72-8	87
5	Heneicosane	296 C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071020\
 Data File : BM026727.D
 Acq On : 10 Jul 2020 10:55
 Operator : JU/CG
 Sample : L3160-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	6.97	11.1 ng		264071	1	7.32	475982	20.0
Benzene, cyclopro...	7.68	4.5 ng		106893	1	7.32	475982	20.0
Dodecanoic acid	14.46	4.1 ng		143181	3	13.98	694188	20.0
Eicosane, 10-methyl-	16.33	5.1 ng		205288	4	16.74	804682	20.0
n-Hexadecanoic acid	17.69	32.8 ng		1319880	4	16.74	804682	20.0
Heneicosane	18.32	10.6 ng		425297	4	16.74	804682	20.0
Octadecanoic acid	18.98	7.6 ng		397226	5	20.96	1039230	20.0
Octacosane	19.52	13.5 ng		701565	5	20.96	1039230	20.0
Tridecane, 6-propyl-	20.39	18.8 ng		974488	5	20.96	1039230	20.0
Heptacosane	21.11	23.2 ng		1203760	5	20.96	1039230	20.0
Heptadecane, 2,6,...	21.57	4.5 ng		236679	5	20.96	1039230	20.0
Eicosane, 7-hexyl-	21.74	24.0 ng		1249100	5	20.96	1039230	20.0
Hexatriacontane	22.00	6.0 ng		327722	6	23.03	1100670	20.0
Eicosane	22.40	18.8 ng		1031620	6	23.03	1100670	20.0
Pentadecane, 8-he...	22.46	9.5 ng		520982	6	23.03	1100670	20.0
Tridecane, 7-propyl-	22.96	7.7 ng		422407	6	23.03	1100670	20.0
Heptadecane, 9-oc...	23.53	5.7 ng		313303	6	23.03	1100670	20.0
2-methyloctacosane	23.95	7.4 ng		407438	6	23.03	1100670	20.0